

Title (en)  
TEMPORAL OXIMETER

Title (de)  
ZEITLICHES OXIMETER

Title (fr)  
OXYMÈTRE TEMPORAL

Publication  
**EP 2459066 A2 20120606 (EN)**

Application  
**EP 10742039 A 20100611**

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Abstract (en)  
[origin: WO2010143208A2] The present invention discloses a method and an apparatus for detecting change in retinal oxygen saturation over time. The method comprises the steps of capturing a first group of images of two or more wavelengths, calculating oxygen saturation of a vessel in the first group of images, storing the first group of images on a data storage device, capturing a second group of images of two or more wavelengths, calculating the oxygen saturation of a vessels in the second group of images, storing the second group of images on a data storage device, spatially registering the pair of the group of images, captured at different time and calculate the change in oxygen saturation.

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